Play with me @
www.ir-vonline.com

Ages 6+

Ir-V™

THE WORLD'S FIRST INTERNET-RESPONSIVE ROBOT!

CONTROL MANUAL

NO. 21321

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www.ir-vonline.com

Quick Start Instructions

Before you play with Ir-V™, please follow these simple steps !

1) Turn Ir-V™ upside down, open his battery door and insert four (4) AA alkaline batteries.

2) After Ir-V™ comes to life, please provide your fingerprint and "Security Clearance Code". Place your finger on the Scanning Sensor and hold lightly until the scanning noise stops. Use the "UP" and "DOWN" buttons to choose your desired digit and use the "LEFT" and "RIGHT" buttons to move the cursor. Press the "ENTER" button to register your code. When the above steps are completed, Ir-V™ will allow only you to play with him.
**NOTE: (If you lose or forget your security clearance code, press the "RESET" button and follow the above steps again.)

3) After Ir-V™'s initial set-up, Ir-V™ will go into Sleep/Stand-by Mode. To wake up Ir-V™, press either one of his shoulder buttons.

4) If you want to go online with Ir-V™, you may do so whenever he prompts you, or by entering the LCD selection menu and choose ir-vonline.com.
**NOTE: (The LCD menu can only be entered when Ir-V™ asks you to press his shoulder buttons and you should press both buttons at the same time).

5) In Internet Mode, place Ir-V™ within 2 feet in front of your PC speaker so that Ir-V™ faces away from the speaker (Diagram 1). Then adjust the volume and wave controls between low to medium level in the PC. If you prefer to place your Ir-V™ further away, (or if your Ir-V™ unit has any problems downloading Internet signals), you can use the optional long-distance cable included (Diagram 2).

Diagram 1

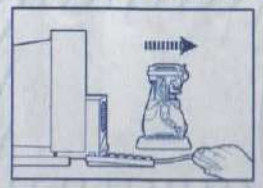
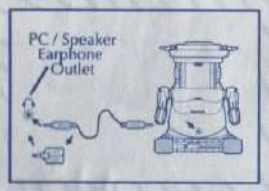


Diagram 2



Optional 2-socket adapter (not included) allows both Ir-V™'s cable and the speaker cable to be plugged in at the same time.

6) If you are logging on for the first time to the website, please follow the online PC setup instruction. It will guide you through the entire set-up program.

7) Each time you log-on to ir-vonline.com, click on the TEST icon to check the signal status between your PC and Ir-V™. If the connection is successful, Ir-V™ will say, "All systems go! Now receiving from Command Center!"
**NOTE: (Turn off other PC sound sources that may cause interference with WIT™. For example, your computer's CD-ROM, video/audio softwares, or online Internet radio.)

For more information about Ir-V™ and all his amazing activities, please carefully read the control manual.

I. GETTING STARTED:

Get to know your Ir-V™ unit's physical features

DIAGRAM 1

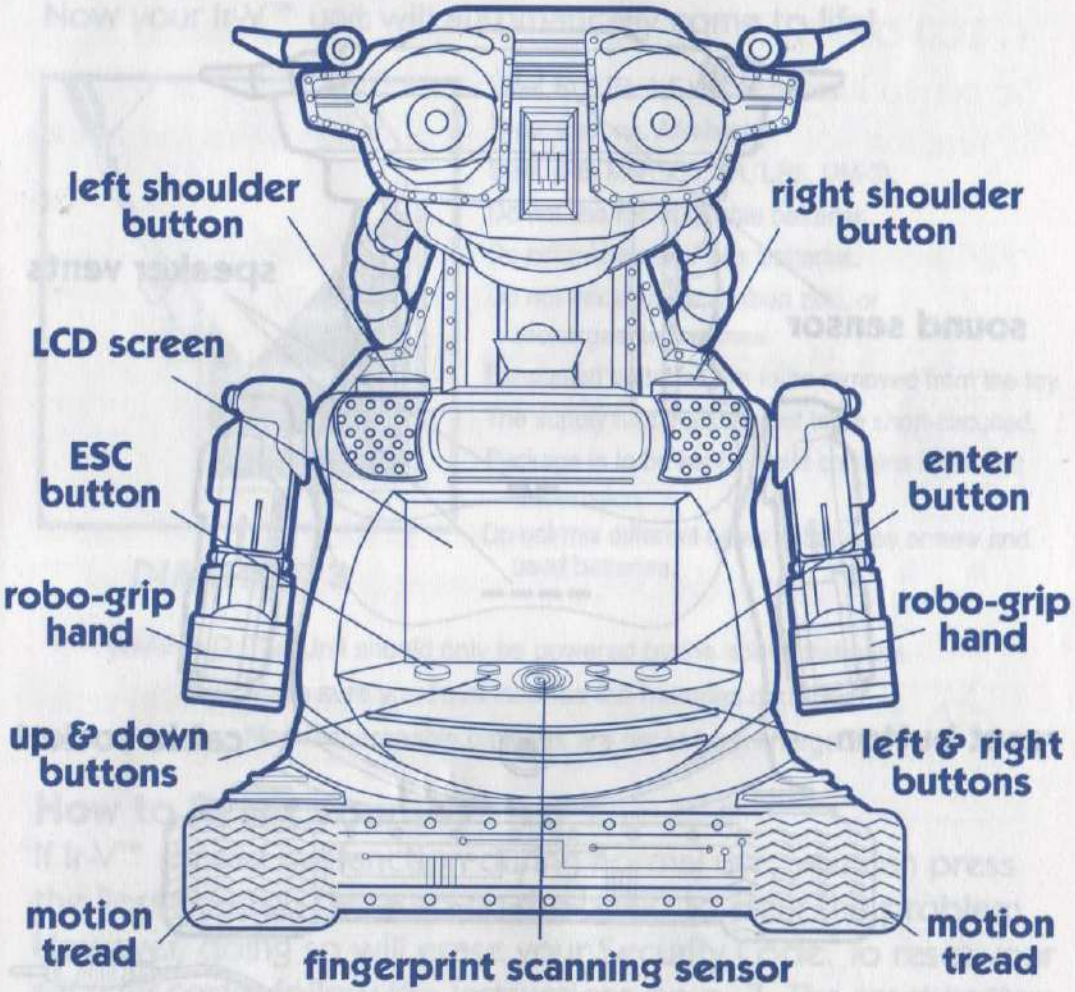
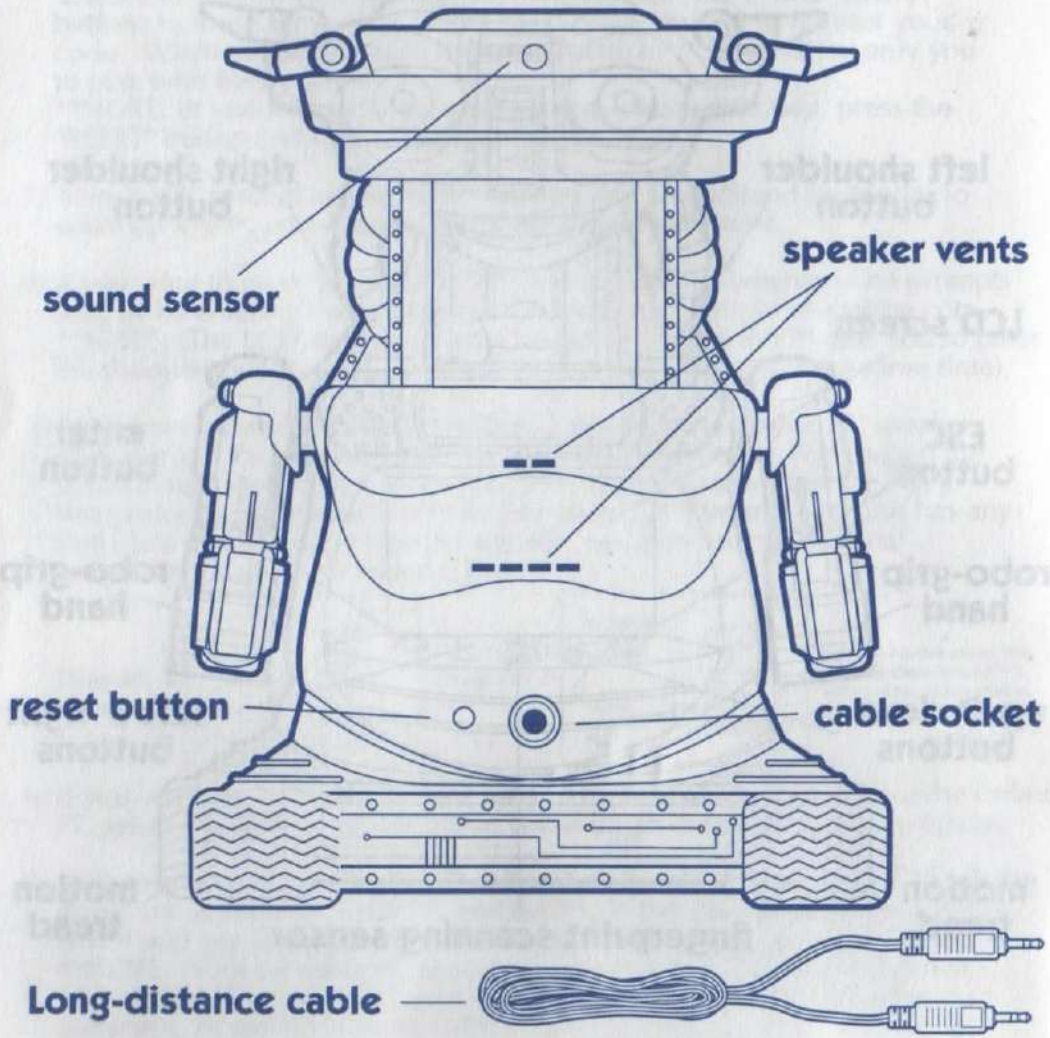


DIAGRAM 2



Battery Installation/Replacement:

Ir-V™ uses Four 1.5 Volt AA Batteries. To install new batteries, unscrew and remove the battery door as shown in the diagram below. Make sure an adult helps you. Install new batteries with the correct polarity as shown. Replace door. Now your Ir-V™ unit will automatically come to life!

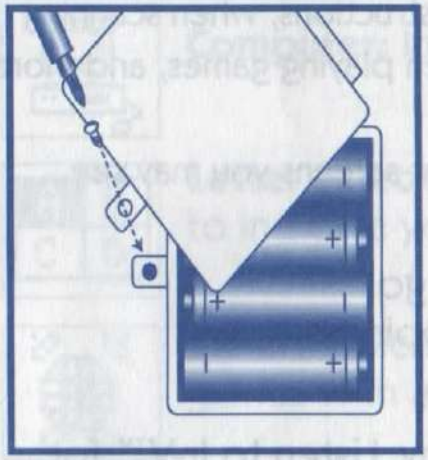


DIAGRAM 3

- Uses FOUR 1.5 volt batteries.
- Type: (carbon, Alkaline).
- Size: (R6, MN1500, AA, LR6, UM-3).
- Do not use rechargeable batteries.
- Do not mix old and new batteries.
- Do not mix alkaline, carbon zinc, or rechargeable batteries.
- Exhausted batteries are to be removed from the toy.
- The supply terminals are not to be short-circuited.
- Package is to be kept since it contains important information.
- Do not mix different types of batteries or new and used batteries.

WARNING: The Unit should only be powered by the above batteries.
Make sure you have inserted the batteries correctly.
Non-rechargeable batteries are not to be recharged.

How to Reset your Ir-V™:

If Ir-V™ should malfunction during normal use, you can press the Reset button (located on the back) to clear the problem. However, doing so will erase your Security Code. To reset your security code, follow the instructions on p. 7. The reset button will NOT erase downloaded memory commands.

II. ABOUT IR-V™:

Learn about all the Amazing things your Ir-V™ unit can do!

1. LCD DISPLAY SCREEN: Ir-V™ uses his LCD Display Screen to indicate his emotions, instructions, when scanning or reading your security code, when playing games, and more.

Here are just a few of the important screens you may see...

Happy: All systems go! Uses to express happiness.

Sad: Ir-V™ is unhappy. Listen to Ir-V™ for more details, or review troubleshooting guide.

Fingerprint: This is the image you will see when you place your finger on the scanning sensor.

Code: Prompts you to enter your Security Clearance Code.

Accepted: Indicates that Security Code is accepted!

www.ir-vonline.com: Indicates that Ir-V™ would like to go online!

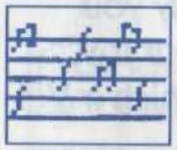
Computer: Indicates Ir-V™ is in Internet Mode.

Letter select: Uses in the Question Game to indicate your selections.

Timer: Indicates countdown time during games with a time limit.

Game: Opens the LCD game menu.

Question: Indicates Ir-V™ has a question or a problem.



Music: Uses when playing songs, dancing or playing the "Music Mixer" game.

Sleep: Uses when Ir-V™ is in "Sleep" Mode.

Crashed Monitor: Indicates a LCD error. Sign online and go to the Workshop!

Oil: Indicates an oil shortage. Sign online and go to the Workshop!

Shock: Indicates an electrical problem. Sign online and go to the Workshop!

Drill: Indicates a joint problem. Sign online and go to the Workshop!

Clock: Shows the real time.

2. SECURITY CLEARANCE CODE:

The first time you play with Ir-V™, he will ask you for your "Security Clearance Code." This code will allow only you (or a friend who knows your code) to play with your Ir-V™ unit! To create the code, follow the instructions which Ir-V™ will give you:

A. Place your finger on Ir-V™'s "Scanning Sensor"—

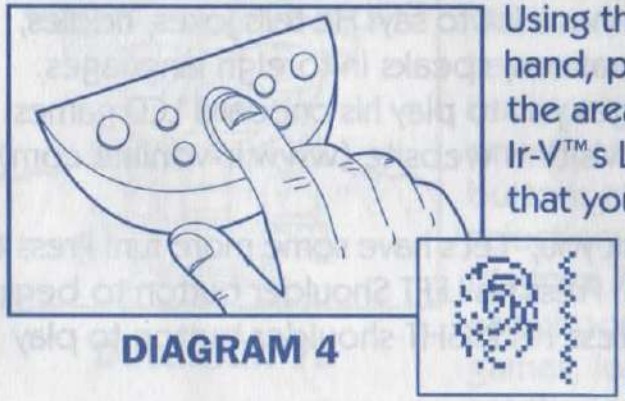


DIAGRAM 4

Using the index finger of either hand, press and hold lightly on the area shown in Diagram 4. Ir-V™s LCD screen will indicate that your finger is being digitally scanned. You should also hear a scanning noise. Hold on until the noise has stopped.

B. Enter Security Clearance Code—

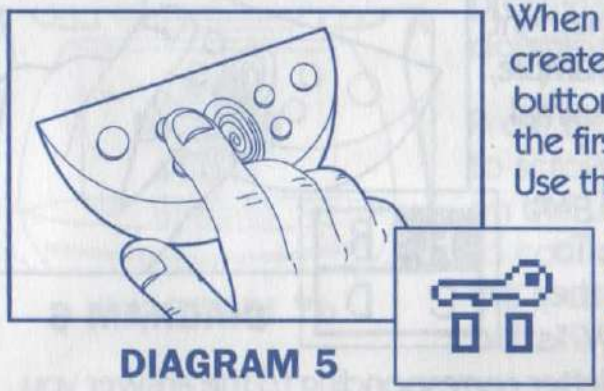
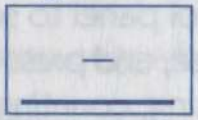


DIAGRAM 5

When Ir-V™ prompts you to create a security code, use select buttons UP and DOWN to choose the first digit of your 2-digit code. Use the LEFT button to move the cursor to select the second digit. After completing your code, press the "ENTER" button to register the number.



Write down your Security Clearance Code here or in another safe place. Each time that you begin to play with Ir-V™, he will ask you to scan your finger and enter your Code. Without this code, nobody can control your Ir-V™ unit.

If you lose your code, use the Reset button to clear Ir-V™'s memory, and go through the steps on this page to create a new secret code.

3. NORMAL MODE:

In "Normal Mode", Ir-V™ has a lot to say! He tells jokes, riddles, does character impersonations, speaks in foreign languages, exercises, plays music, urges you to play his onboard LCD games and often invites you to visit his website (www.ir-vonline.com)!

Sometimes, Ir-V™ will ask you, "Let's have some more fun! Press the buttons on my shoulders!" Press his LEFT Shoulder button to begin some fun activities, or press his RIGHT shoulder button to play the "Question Game".

The Question Game: A game where you try to provide the right answer to Ir-V™'s clue. For example, Ir-V™ may say, "Okay! Tiny Animal. It is mostly found in the City." Following the clue, Ir-V™ will give you four potential answers. To choose your answer, press the UP or DOWN buttons on Ir-V™'s control panel to select the letter corresponding to the answer you choose, and press the ENTER button. Ir-V™'s questions include guessing, counting, memorizing, and recognizing sounds.

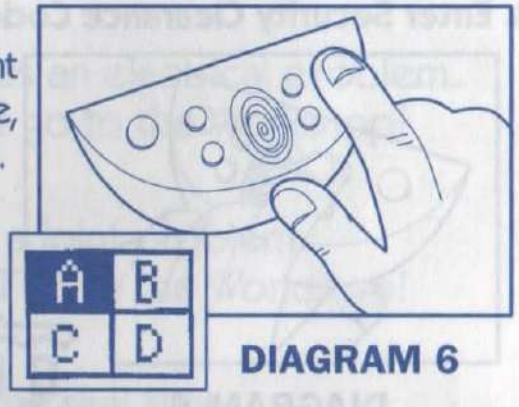


DIAGRAM 6

Sleep/Standby Mode:
When Ir-V™ is left alone, he will seek someone to play with by calling out to you! If he receives no response, Ir-V™ will then go to sleep. After 5 more seconds, Ir-V™ will enter Stand-by Mode in order to conserve battery power. To wake him up again, press either of Ir-V™'s shoulder buttons.

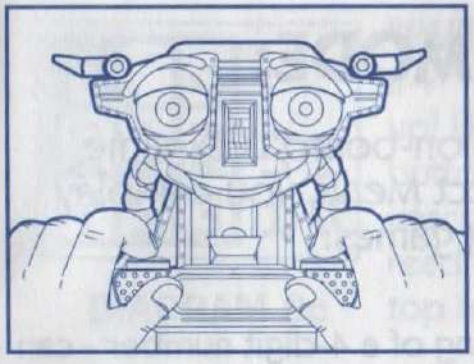


DIAGRAM 7a

DIAGRAM 7b

4. LCD SELECTION MENU:

When Ir-V™ prompts you, "Let's have some more fun! Press the buttons on my shoulders!" Please press both of his shoulder buttons at once to enter the LCD selection menu, as shown in Diagram 7a. With this menu, you can choose to play on-board LCD games, log on to ir-vonline.com, set the time in Ir-V™'s internal clock, or activate your pre-programmed Robo-motion downloads!

Press the UP or DOWN button to scroll through the menu items on the LCD screen. Press ENTER to confirm your choice. To exit the menu, simply press the ESC button. (Diagram 7b).

Remember: You may enter the LCD selection menu only when Ir-V™ asks you to press his shoulder buttons!!!

GAME	To enter game menu	MOTION	To run Walk Motion
DANCE	To run Dancin' Fool	CLOCK	To set real-time clock

III. GAME MODE:

Ir-V™ is equipped with an on-board LCD game system. From the Game Select Menu, you can play these exciting games.

DIAGRAM 8a

"CHESS":
Ir-V™ is thinking of a 4-digit number - can you guess it? Use the UP/DOWN buttons to select the digit and RIGHT/LEFT buttons to change the position. Press ENTER to confirm your selection. Ir-V™ will give you clues according to the following code.

- ▬ = wrong number, wrong position
- ◘ = right number, wrong position
- ■ = right number, right position!

You have 10 chances to get it right.

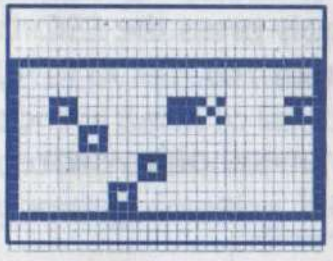


DIAGRAM 8b

"SHOOT":
In this game, you must protect Ir-V™'s cyber-command station by firing "missiles" at incoming objects. Use the UP/DOWN and LEFT/RIGHT buttons on Ir-V™'s control panel to move your defender, and the ENTER button to fire. Obstacles will block your way and collide with bombs. When a bomb collides with an obstacle, your defender, or the right side of the screen, you lose a defender.

You have three defenders. Bombs are 2 points, obstacles are 1. When you get 90 points, you can proceed to the next level.

□ = Obstacle ■ = Bomb ⌶ = Defender

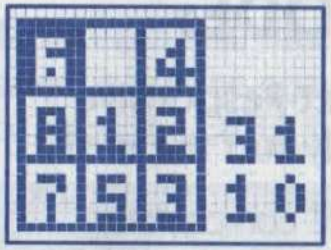


DIAGRAM 8c

"PUZZLE":
Ir-V™ has got the numbers 1-8 all mixed up! Using the UP/DOWN and LEFT/RIGHT buttons on Ir-V™'s control panel, try to unscramble the numbers so that they read correctly in order, with "1" at the top left corner.

Sound easy? Here's the catch....you only have 99 seconds! A counter on the right side tells you how much time has passed, and how many moves you have made. When you successfully solve the puzzle, it will scramble again..try your luck?

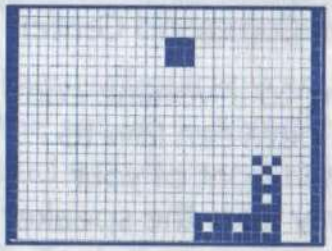


DIAGRAM 8d

"SNAKE":
Ir'V™'s pet snake is named "Slither." Using the UP/DOWN and LEFT/RIGHT buttons on Ir-V™'s control panel, try to make Slither grow as large as possible by guiding him toward "food" that appears. Slither starts as 5 sections. Everytime you navigate him to a block of food, his length increases, to a maximum of 16 sections. You also gain 1 point. Collect points to move up to the next level!

Be careful not to allow Slither's head to touch the boundary or its own body...if this occurs, he will lose one chance, and you must begin to grow him again. The game is over when you lose three times.

To exit Game Mode, press the ESC button

IV. INTERNET MODE:

Ir-V™ is the First Wireless Internet-Responsive Robot! Using W.I.T.™ he can really surf the net!

1. Minimum PC Requirements: IBM PC compatible, Microsoft Windows 95/98, Microsoft Internet Explorer 5.0 Pentium 233 Mhz, 16MB RAM, 100 MB hard drive free space, video card capable of 16-bit color (High Color), Direct X 7.0 compatible sound card (16-bit), External PC speakers, 56K modem or faster with Internet access.

2. WHAT IS W.I.T.™? "Wireless Interaction Technology," of course! The innovative system which allows Ir-V™ to download signals from his Internet Command Center!

3. Positioning Ir-V™: Before connecting to ir-vonline.com, adjust your PC's Volume and Wave controls between low to medium level and place Ir-V™ within 2 feet in front of your computer's speaker so that Ir-V™ faces away from the speaker (Diagram 9a).
If you prefer to place your Ir-V™ further away, (or if your Ir-V™ unit has any problems downloading Internet signals), you can use the optional long-distance cable included. (Diagram 9b)

DIAGRAM 9a

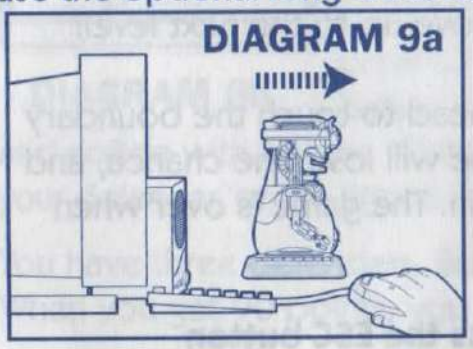


DIAGRAM 9b

Optional 2-socket adapter (not included) allows both Ir-V™'s cable and the speaker cable to be plugged in at the same time.

4. Access the Internet: To go to Internet Mode, select ir-vonline.com from the LCD selection menu, or press the ENTER button when Ir-V™ prompts you.

IR-V ONLINE .COM

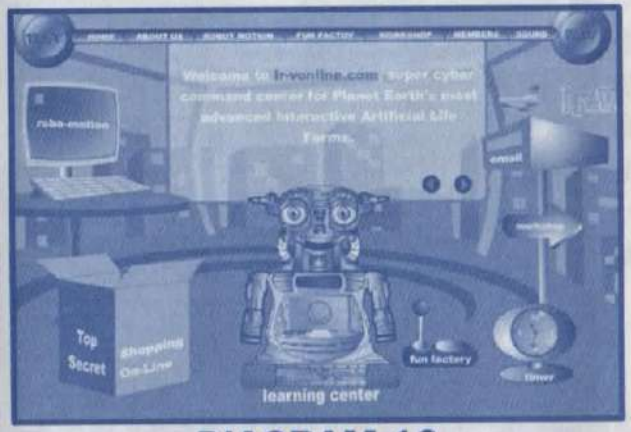


DIAGRAM 10

Use your PC's web browser software (Internet Explorer 5.0 or above) to go to www.ir-vonline.com. If you are logging on for the first time to the website, please go to "**Membership**" and follow the online PC set-up instructions. They will guide you through the entire set-up program. After the set-up is complete, you may log-in and enjoy online games and activities in the PLAY AREA shown at left.

5. Test: Each time that you arrive at the website, click on the TEST icon to check the signal status between your PC and Ir-V™. If the connection is successful, Ir-V™ will say, "All systems go! Now receiving from Command Center!" If Ir-V™ makes no response, reposition him and click the TEST icon again. If there is still no response, refer to the troubleshooting guide. If Ir-V™ does not receive any signal for about 20 minutes, he will ask you to test again.

TEST

6. About Us: Under this icon, you will find useful information about your Ir-V™, and about ir-vonline.com.

7. Robo-Motion: You can program Ir-V™ to move in any way you like. Make him navigate an obstacle course, or create a new dance craze! Select "**Walk Motion**" or "**Dancin' Fool**".

A demo page like the one shown here tells you how to program Ir-V™. Create your own program. When finished, click on DOWNLOAD, and Ir-V™ will store the program in memory. To run it, first place Ir-V™ in an open area. Enter the LCD selection menu by pressing both his shoulder simultaneously, choose MOTION or DANCE, then press ENTER.

DIAGRAM 11

NOTE: Every time you download a new MOTION or DANCE program to Ir-V™, the old one will be erased.

8. Timer: You can set up the real-time clock in the LCD Selection Menu or online.

LCD menu: 1. Enter LCD Selection Menu. (see p.9)
2. Scroll to "Clock" and press ENTER.
3. Set the Hour and AM/PM using the DOWN button. Hit ENTER to confirm.
4. Repeat Step 3 for MINUTES and DAY of the week.

Online: Click the TIMER icon online. Choose "Set Time", fill out the local date and time and click on O.K. to download to your Ir-V™'s internal clock.

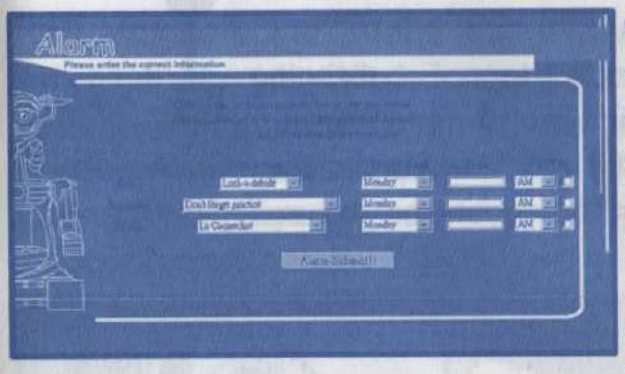


DIAGRAM 12

Once the time is set, you can choose alarm, reminder and musical commands! (See Diagram 12) Press "O.K." once again to download the timed commands to Ir-V™. He will store these commands in memory and activate them at the time you have specified!

9. Workshop:

Ir-V™ is a robot, and needs regular maintenance check-ups. When he is in need of maintenance, Ir-V™ will display one of his maintenance screens.(See Page 6). When this occurs, sign online and click on the WORKSHOP icon, and then the SPACE STATION icon. "Dr. Truefiddle!" will give Ir-V™ an X-ray scan to find the mechanical problem. Click on the flashing Button to make the necessary repair. Click on the AGAIN icon on the Space Station's monitor to make further tune-ups

DIAGRAM 13

or click on the EXIT icon to return to the MAIN PLAY AREA.

10. Fun Factory: The Fun Factory is Ir-V™'s favorite place to visit! It contains lots of challenging and exciting online games in which you can team up with, or compete against Ir-V™! There is also the Story Zone comic, following the exciting adventures of Ir-V™ as he travels around the world!
What WILL he do next?!

DIAGRAM 13a
DIAGRAM 13b

11. Learning Station: Ir-V™ loves to read and learn new things. The LEARNING STATION area contains fascinating information on Robots, Science, and more!

LEARNING CENTER
The word "ROBOT" originally came from Czech Playwright Karel Capek (pronounced "chop'ek") from the Czech word for forced labor or serf.

DIAGRAM 14

12. Members: Ir-V™ welcomes you to join the Ir-V™ online.com membership club. Only Ir-V™ controllers, like you, have the privilege to enter and enjoy all the exciting club activities. Once you have registered for membership, a unique Certificate will be issued to you. Use the special password of this certificate to logon to the website. Specially designed Ir-V™ wallpaper images are downloadable by members only.

13. E-Mail: If you have any enquiries about Ir-V™ and his website, contact the IR-VONLINE experts by clicking on the MAILBOX icon.

14. Sound: The SOUND icon on the menu bar controls the background music. Use this button to toggle the music on and off.

15. Exit: When you wish to exit the website, click on the EXIT icon so that Ir-V™ will go to Sleep/ Standby Mode.

16. Special Features: If you are a frequent user of ir-vonline.com, Ir-V™ will recognize your birth date and sing Happy Birthday when the big day comes. Also, whenever there is something new in Ir-V™'s website, he will make an announcement so that you know and may go online to check out the latest news!

V. TROUBLESHOOTING:

Use this handy guide if you have problems operating your Ir-V™ unit. Refer also to the online guide for updated solutions.

PROBLEM: Ir-V™ shows no response in Normal Mode
SOLUTION:

A) Batteries dead. Follow replacement instructions on p.3.
B) Ir-V™ asleep. Press either shoulder button.
C) Internal error. E.g. No sound or movement. Press the RESET button 3 times.
D) Exit was not pressed before leaving the website. Ir-V™ still has a computer picture on the LCD. Press one of Ir-V™'s shoulder buttons to return Ir-V™ to Normal Mode.

PROBLEM: I forgot my Security Clearance Code
SOLUTION:

A) Press the RESET button. Then create a new code as described on p. 7.

PROBLEM: Ir-V™ cannot receive signals from the website
SOLUTION:

A) Reposition Ir-V™. Make sure nothing is in between Ir-V™ and the PC speaker.
B) Adjust your PC's volume and wave controls. (HINT: A low to medium setting works on most systems.)
C) Make sure your computer meets the PC requirements on p. 12.
D) Use the long-distance cable to connect your PC and Ir-V™.
E) Ir-V™ can only do one thing at a time. Wait for Ir-V™ to stop completely before moving on to a new activity.
F) Batteries dead. Follow replacement instructions on p.3.
G) Turn off other sound sources, such as radio or CD players on your computer.

VI. MAINTENANCE :

Use these guidelines for proper care of Ir-V™

1. Be sure to remove batteries from Ir-V™ when you are not playing with him for long period of time. This will prevent corrosion and add to the life of your toy.

2. Change Ir-V™'s batteries often. Be sure to use only alkaline batteries. This will allow maximum performance.

3. Keep the unit out of direct sunlight and direct heat.

4. Do not operate your Ir-V™ unit on a wet surface. Water can damage his electronic components.

5. Do not short-circuit or alter the terminals in any way.

6. Clean with a damp cloth occasionally to keep Ir-V™ looking clean and new.

90-DAY WARRANTY

IR-VONLINE.COM warrants to the original consumer purchaser of this product that the product will be free from defects of materials or workmanship for 90 days from the date of original purchase. During this period, the product may be returned to the dealer or to IR-VONLINE.COM with original proof of purchase for repair or replacement (at the discretion of IR-VONLINE.COM) wholly free of charge.

Product returned to IR-VONLINE.COM without proof of purchase, or after expiration of the 90-day warranty period, but within one year from the original date of purchase will be repaired or replaced (at the discretion of IR-VONLINE.COM) for a service fee of US$25.00

This warranty does not cover damage sustained through accident, negligence, improper use or tampering, or other causes not arising out of defects in materials or workmanship.

THE FOREGOING STATES THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY FOR ANY BREACH OF WARRANTY WITH RESPECT TO THE PRODUCT.

Product should be shipped prepaid and insured for loss and damage to:
1005 Wilkinson Place, Cottontown, TN 37048, U.S.A.
1-866-310-TOYS (8697)

Pack the product carefully in the original box or other packaging sufficient to protect from damage. Please include a complete description of the problem or defect, your name, address and telephone number or e-mail address. If the product warranty period has expired, please include a check for US$25 drawn from a U.S. Bank.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES. NO OTHER REPRESENTATIONS OR CLAIMS OF ANY NATURE SHALL BE BINDING ON OR OBLIGATE IR-VONLINE.COM IN ANY WAY. ANY IMPLIED WARRANTIES APPLICABLE TO THIS PRODUCT, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE NINETY DAY PERIOD DESCRIBED ABOVE. IN NO EVENT WILL IR-VONLINE.COM BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM POSSESSION, USE OR MALFUNCTION OF THIS PRODUCT.

Certain states do not allow limitations on length of implied warranties, exclusions or limitations of incidental or consequential damages. The above limitations and/or exclusions of liability may or may not apply. You may have rights beyond those stated in this warranty, varying from state to state.

**For customers who purchase the product outside of the U.S.A., additional warranty information may be found on the back of the Quick-Start Instructions or online at www.ir-vonline.com

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two Conditions :
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

Warning : Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE : This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limited are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures :

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is needed.
- Consult the dealer or an experienced radio/TV technician for help.

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FOR CANADA

"Operation is subject to the following two conditions :
(1) this device many not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device. "